



STIC Search Report

EIC 2800

STIC Database Tracking Number: 142943

TO: Lissi Marquis
Location: JEF- 8D61
Art Unit : 2800
Friday, January 21, 2005

Case Serial Number: 08/868481

From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

Reissue 09/667 427
Re: 08/868,481 US 5,812,226

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.


**Thanks,
Darcy Bates**

Litigation involving patent 5,812,226

Click on the docket number to view the docket.
Click on the above patent number to view the patent.

▼ Docket ▲ ▼ Case Heading ▲ ▼ Date Filed ▲ ▼ Date Retrvd ▲

There are no cases involving this patent number.

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Terms: **patno=5812226** ([Edit Search](#))

868481 (08) 5812226 September 22, 1998

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5812226

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September 22, 1998

Liquid crystal display formed by a plurality of non-electrically interconnected liquid crystal display panels

REISSUE: Reissue Application filed Sep. 21, 2000 (O.G. Nov. 7, 2000) Ex. Gp.: 2871; Re. S.N. 09/667,427, (O.G. November 7, 2000)

INVENTOR: Izumi, Yoshihiro, Kashihara, JP; Fujiwara, Sayuri, Nara, JP; Shinomiya, Tokihiko, Nara, JP

APPL-NO: 868481 (08)

FILED-DATE: June 3, 1997

GRANTED-DATE: September 22, 1998

PRIORITY: September 2, 1994 - 6-210216, Japan (JP); February 17, 1995 - 7-029395, Japan (JP)

ASSIGNEE-AT-ISSUE: Sharp Kabushiki Kaisha, Osaka, JP

LEGAL-REP: Conlin, David G.; Michaelis, Brian L.

PUB-TYPE: September 22, 1998 - Utility Patent having no previously published pre-grant publication (A)

PUB-COUNTRY: United States (US)

REL-DATA:

Addition of Ser. No. 468649, June 6, 1995

US-MAIN-CL: 349#73

CL: 349

SEARCH-FLD: 359#82, 359#83, 359#64, 359#53, 349#73

IPC-MAIN-CL: G 02F001#133

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patno=5812226

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<u>w/N</u>	within N words
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<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not
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Query/Command : file pluspat

Selected file: PLUSPAT

Search statement 1

Query/Command : us5812226/pn

** SS 1: Results 1

Search statement 2

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image
PN - US5812226 A 19980922 [US5812226]
TI - (A) Liquid crystal display formed by a plurality of
non-electrically interconnected liquid crystal display panels
PA - (A) SHARP KK (JP)
PAO - Sharp Kabushiki Kaisha, Osaka [JP]
IN - (A) FUJIWARA SAYURI (JP); IZUMI YOSHIHIRO (JP); SHINOMIYA
TOKIHIKO (JP)
AP - US86848197 19970603 [1997US-0868481]
FD - Cont. of US468649 19950606 [1995US-0468649] (Abandoned)
PR - US86848197 19970603 [1997US-0868481]
JP21021694 19940902 [1994JP-0210216]
JP2939595 19950217 [1995JP-0029395]
US46864995 19950606 [1995US-0468649]
IC - (A) G02F-001/133
EC - G02F-001/1333N
PCL - ORIGINAL (O) : 349073000
DT - Basic
CT - US4408836; US4515440; US4591240; US4733948; US4906071; US5106197;
US5164853; JP1-213621; JP5-19347; JP5-19346; JP5-127605;
JP5-188340; JP5-341310; JP6-95130; JP6-17178
STG - (A) United States patent
AB - A liquid crystal display comprising a plurality of liquid crystal
panels placed on a single plane of a large substrate, and a black
matrix made of a photo-absorbing film that shows black when having
absorbed light. Two polarizing plates are respectively placed to
cover the front and rear surface of a set of liquid crystal panels
almost entirely in such a manner that their polarizing axes
intersect at right angles. The resulting multi-screen liquid
crystal display consumes less power, retains excellent display
quality, and makes the joints between the liquid crystal panels
difficult to see.

1 / 1 LGST - ©EPO
PN - US5812226 A 19980922 [US5812226]
AP - US86848197 19970603 [1997US-0868481]
ACT - 20001107 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20000921
UP - 2003-22

1 / 1 CRXX - @CLAIMS/RRX
AN - 3044522
PN - 5,812,226 A 19980922 [US5812226]
PA - Sharp K K JP
PT - E (Electrical)
ACT - 20000921 REISSUE REQUESTED
Issue Date of O.G.: 20001107
Reissue Request Number: 09/667427
Examination Group responsible for Reissue process: 2871

UP - 2000-45
UACT- 2000-11-07

Search statement 2

Query/Command : fam us5812226/pn

1 Patent Groups
** SS 2: Results 4

Search statement 3

Query/Command : famstate nonstop

1 / 4 PLUSPAT - @QUESTEL-ORBIT
PN - CN1120178 A 19960410 [CN1120178]
STG - (A) Unexamined application
TI - (A) Liquid crystal display
PA - (A) SHARP KK (JP)
IN - (A) FUJIWARA SAYURI (JP); IZUMI YOSHIHIRO (JP); SHINOMIYA
TOKIHIKO (JP)
IC - (A) G02F-001/1336
PN2 - CN1087437 B 20020710 [CN1087437B]
STG2- (B) Patent
TI2 - (B) Liquid crystal display
PA2 - (B) SHARP KK (JP)
IN2 - (B) FUJIWARA SAYURI (JP); IZUMI YOSHIHIRO (JP); SHINOMIYA
TOKIHIKO (JP)
IC2 - (B) G02F-001/1335
AP - CN95108323 19950606 [1995CN-0108323]
PR - JP21021694 19940902 [1994JP-0210216]
JP2939595 19950217 [1995JP-0029395]

2 / 4 PLUSPAT - @QUESTEL-ORBIT - image
PN - JP8122769 A 19960517 [JP08122769]
STG - (A) Doc. Laid open to publ. Inspec.
TI - (A) LIQUID CRYSTAL DISPLAY DEVICE
PA - (A) SHARP KK
PAO - (A) SHARP CORP
IN - (A) FUJIWARA SAYURI; IZUMI YOSHIHIRO; SHINOMIYA TOKIHIKO
IC - (A) G02F-001/1335 G02F-001/1339 G02F-001/1347
PN2 - JP3131354 B2 20010131 [JP3131354]
STG2- (B2) Grant. Pat. With A from 2500000 on
IC2 - (B2) G02F-001/1335 G02F-001/1347
AP - JP2939595 19950217 [1995JP-0029395]

PR - JP2939595 19950217 [1995JP-0029395]
JP21021694 19940902 [1994JP-0210216]

3 / 4 PLUSPAT - ©QUESTEL-ORBIT

PN - KR177050 B1 19990501 [KR-177050]
STG - (B1) Examined pat. App. (2nd pub.) B5
TI - (B1) LIQUID CRYSTAL DISPLAY FORMED BY A PLURALITY OF NON-ELECTRIC
ALLOY INTERCONNECTED LIQUID CRYSTAL DISPLAY PANELS
PA - (B1) SHARP KK (JP)
IN - (B1) IZUMI YOSHIHIRO (JP); FUJIWARA SAYURI (JP); SHINOMIYA
TOKIHIKO (JP)
IC - (B1) G02F-001/133
AP - KR9515104 19950605 [1995KR-0015104]
PR - JP21021694 19940902 [1994JP-0210216]
JP2939595 19950217 [1995JP-0029395]
UP - 2000-10

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AP - US86848197 19970603 [1997US-0868481]
PR - US86848197 19970603 [1997US-0868481]
JP21021694 19940902 [1994JP-0210216]
JP2939595 19950217 [1995JP-0029395]
US46864995 19950606 [1995US-0468649]
EC - G02F-001/133N
PCL - ORIGINAL (O) : 349073000
DT - Basic

1 / 1 LEGALI - ©EPO

PN - US5812226 A 19980922 [US5812226]
AP - US86848197 19970603 [1997US-0868481]
ACTE- 20001107 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20000921
UP - 2003-22


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